



# Crops & Weather

National Agricultural Statistics Service  
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,  
Univ. of Minn. Extension Service, DNR State Climatology Office, USDA-FSA, USDA-NRCS, and Local FACs

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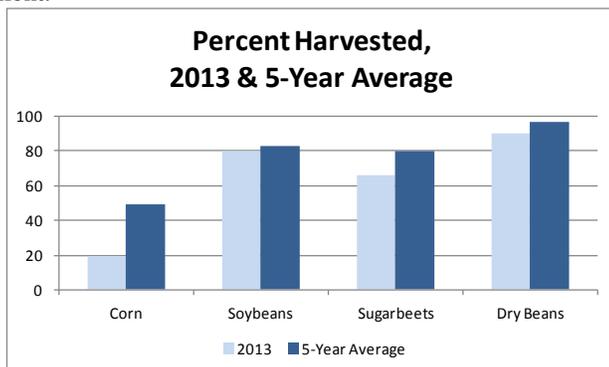
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*Due to the lapse in federal funding, the National Agricultural Statistics Service (NASS) Crop Progress reports scheduled for October 7<sup>th</sup> and 15<sup>th</sup> were cancelled. Therefore, data for the weeks ending October 6<sup>th</sup> and 13<sup>th</sup> are not available.*

Cooler and wetter than normal conditions slowed corn and soybean harvest in Minnesota for the week ending October 20, 2013 according to the USDA, National Agricultural Statistics Service. Minnesota had 3.0 days rated suitable for fieldwork. Minnesota's average temperature was 2.8 degrees below normal at 42.6 degrees. The average precipitation statewide was 0.94 inch above normal at 1.48 inches. Trace amounts of snow were observed towards the end of the week in various parts of Minnesota. Topsoil and subsoil moisture supplies were 86 and 67 percent adequate to surplus, respectively. North Central Minnesota had the coldest average temperature at 38.1 degrees. The wettest region was the West Central district with 2.24 inches average precipitation.

Ninety-five percent of Minnesota's corn crop was mature, slightly behind the five-year average of 96 percent. The corn for grain harvest was 19 percent completed, well behind the normal 49 percent. The average moisture content for corn harvested was 21 percent. Ninety-eight percent of corn silage has been cut. Corn condition rated 3 percent very poor, 9 percent poor, 31 percent fair, 46 percent good and 11 percent excellent. Ninety-seven percent of the soybean crop was mature. Soybean harvest was 80 percent complete, slightly behind the normal 83 percent. Soybean condition rated 3 percent very poor, 10 percent poor, 32 percent fair, 47 percent good and 8 percent excellent. The average moisture content of harvested soybeans was 13 percent.

Sugarbeets were 66 percent lifted, compared with last year's 86 percent. Canola and dry beans were both 90 percent harvested. Minnesota's potatoes were 88 percent dug, 10 percentage points behind normal. Pasture conditions were rated 37 percent good to excellent.



## Soil Moisture Levels as of October 20, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	2	12	74	12
Subsoil Moisture	4	29	65	2

## Crop Condition as of October 20, 2013

	Very Poor	Poor	Fair	Good	Exc.
Pasture .....	8	19	36	35	2
Corn .....	3	9	31	46	11
Soybeans .....	3	10	32	47	8

## Crop Progress as of October 20, 2013

	This Week	Last Week	Last Year	5 Yr Avg.
	Days Suitable for Fieldwork	3.0	NA	5.1

	Percent	Percent	Percent	Percent
Corn mature .....	95	NA	100	96
Corn harvested .....	19	NA	95	49
Corn, percent moisture .....	21	NA	13	19
Corn Silage harvested .....	98	NA	100	99
Soybeans dropping leaves .....	99	NA	100	100
Soybeans mature .....	97	NA	100	100
Soybeans harvested .....	80	NA	100	83
Soybeans, percent moisture .....	13	NA	NA	NA
Sugarbeets harvested .....	66	NA	86	80
Canola harvested .....	90	NA	100	100
Dry Beans dropping leaves .....	99	NA	100	87
Dry Beans harvested .....	90	NA	100	97
Potatoes harvested .....	88	NA	100	98
Sunflowers, harvested .....	16	NA	93	59

NA – Not Available

## Precipitation and Temperature Summary for 10/14/2013 through 10/20/2013

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
<b>NORTHWEST DISTRICT</b>										
Crookston	60	27	41.4	-1.5	1.34	0.86	1.04	-4.71	2407	254
Itasca	55	27	39.9	-1.7	1.24	0.58	.25m	-6.03m	1234m	-631m
Moorhead	60	28	41	-4.2	2.22	1.73	3.29	9.36	2607	244
Pembina, ND	56	29	40.4	-0.7	0.58	0.19	0.14	2.27	2065	128
Warroad	M	M	M	M	M	M	1.42m	-5.69m	1855m	-47m
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	54	25	39	-4.3	1.34	0.71	0.95	-3.11	2106	81
Intl. Falls	55	22	37.2	-3.6	1.11	0.66	0.15	4.95	1938	214
<b>NORTH EAST DISTRICT</b>										
Duluth	55	29	41.7	-1.1	1.9	1.29	1.07	-1.56	2083	304
Grand Marais	52	34	42.8	-1	0.73	0.02	-0.43	6.34	1225	-240
Hibbing	54	24	38.7	-1.7	1.09	0.54	1.31	-0.17	1996	393
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	55	30	41.2	-3.7	1.68	1.16	1.69	-1.56	2459	172
Breckenridge	58	30	41.4	-2.8	2.54	1.99	3.62	.69m	2340m	26m
Browns Valley	M	M	M	M	2.98	2.52	5.12	1.43m	2193m	-163m
Canby	62	32	44.4	-2.8	1.96	1.43	1.15	4.94m	2550m	4m
Montevideo	62	29	42.5	-3.7	1.73	1.22	.52m	5.09m	2512	75
Morris	56	29	41.4	-3.6	1.63	1.05	1.05	2.52	2418	104
Wheaton	59	31	41.6	-3.7	3.17	2.69	4.29	1.46	2481	83
<b>CENTRAL DISTRICT</b>										
Becker	60	30	44.3	-2.6	2.35	1.74	0.83	-6.03	2610	211
Collegeville	53	31	41.8	-6.1	2.3	1.68	1.92	0.15	2537	-3
Hutchinson	60	30	43.9	-2.8	1.4	0.94	2.45m	2.77m	2608m	126m
Melrose	57	30	41.3	-3.4	2.14	1.52	1.73	0.83	2389	164
Olivia	61	29	42.7	-3.9	1.58	1.11	1.57	2.29	2409	-6
St. Cloud	53	29	40.9	-4.4	2.45	1.9	1.87	0.07	2423	153
Wadena	56	27	40.3	-2.9	2.19	1.52	.66m	.29m	2005m	10m
Willmar	58	29	42.2	-4.6	1.47	0.94	2.43	.45m	2455	-24
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	56	30	41.4	-2.5	1.69	1.05	3.16	4.88m	2035m	70m
Forest Lake	64	31	47	-0.8	1.71	1.08	0.48	-1.66	2622	137
MSP Airport	59	33	46.3	-2.2	1.52	0.98	0.63	3.08	2938	272
Mora	58	28	43.4	-1.1	2.17	1.56	2.87	0.89	2317	155
St. Paul - UofM	58	31	45.6	-2.2	1.94	1.31	1.43	4.83	2574	89
<b>SOUTH WEST DISTRICT</b>										
Lamberton	64	27	44.5	-2.5	1.19	0.75	1.63	-2.66	2679	180
Marshall	64	32	44.4	-2.8	1.52	1.06	0.5	-2.35	2775	223
Pipestone	65	27	42.4	-3.7	1.92	1.41	0.41	-1.20m	2532m	122m
Redwood Falls	55	30	44	-3.6	1.42	0.95	1.28	-3.57	2738	161
Sioux Falls	55	29	44.3	-3.2	2.42	1.94	0.97	0.9	2760	194
<b>SOUTH CENTRAL DISTRICT</b>										
Worthington	62	32	44.7	-2.6	1.54	1.12	2.14	-1.53m	2590m	145m
North Mankato	60	30	46.1	-1.9	1.23	0.72	1.39	-3.20m	2580m	43m
Owatonna	59	29	45.2	-3	1.06	0.53	0.6	2.68	2627	103
Waseca	61	27	44.4	-3.4	1.04	0.45	0.94	5.56	2598	43
Winnebago	61	29	45.5	-2.7	1.05	0.51	0.46	3.55	2725	157
Cannon Falls	56	27	43.2	-3.6	0.91	0.39	-1.44m	-2.88m	1357m	-1047m
<b>SOUTH EAST DISTRICT</b>										
La Crosse	64	33	47.2	-2.6	0.46	0	1.82	3.17	2894	172
Preston	61	25	42.9	-4.7	0.42	-0.07	-.92m	6.30m	2504m	105m
Red Wing	59	30	45.6	-2.4	0.81	0.33	0.34	-0.75	2710	158
Rochester	57	28	43.4	-4.6	0.87	0.39	-0.25	7.14	2577	99
Rosemount	61	29	45.7	-2	1.28	0.64	-0.47	-2.12m	2559	90
Winona Dam	60	31	45.7	-3.2	0.53	0.04	1.32	5.51	2691	163

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu